

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently Amended) A computer implemented method for ~~organizing~~ adding metadata to a collection of data and first metadata wherein the first metadata are associated with the data, the method comprising ~~the steps of:~~

~~capturing a data stream;~~

~~identifying data in the captured data stream~~ in the collection based on the first metadata and one or more locations of the data and/or the first metadata in the collection; and

adding second metadata to the collection based on the identified data ~~mapping the identified data to at least one of a file structure, a schema, and a taxonomy.~~

Claim 2 (Currently Amended) The method of claim 1, comprising capturing the collection of data and first metadata as a data stream ~~wherein the steps of capturing and identifying are performed by different computers.~~

Claim 3 (Currently Amended) The method of ~~claim 1~~, Claim 2 comprising:
storing the captured data stream;
wherein the identifying step is performed on the stored data stream.

Claim 4 (Currently Amended) The method of ~~claim 1~~, Claim 2 wherein the steps of capturing and identifying are performed at different locations.

Claim 5 (Currently Amended) The method of claim 1, wherein:
the step of identifying comprises identifying a first value in a first currency; and
the ~~step of mapping~~ method comprises determining a second value in a second currency, based on the first value and a conversion factor.

Claim 6 (Previously Presented) The method of claim 5, wherein a user specifies the second currency and the conversion factor.

Claim 7 (Previously Presented) The method of claim 6, wherein the user specifies the conversion factor by indicating a date on which the conversion factor is known.

Claim 8 (Currently Amended) The method of 1, wherein:
the first metadata organize the identified data ~~identified data are organized~~ in accordance with a first standard; and
the ~~step of mapping comprises organizing~~ metadata organize the identified data in accordance with a second standard.

Claim 9 (Previously Presented) The method of 8, wherein:
the first standard is one of United States GAAP (Generally Accepted Accounting Principles), and International GAAP; and

the second standard is the other of United States GAAP and International GAAP.

Claim 10 (Currently Amended) The method of claim 1, wherein the second metadata map ~~step of mapping maps~~ the identified data to an eXtensible Markup Language (XML) taxonomy.

Claim 11 (Currently Amended) The method of claim 1, wherein the ~~step of mapping maps~~ second metadata map the identified data into a spreadsheet.

Claim 12 (Currently Amended) The method of claim 1, wherein the ~~step of mapping maps~~ second metadata map the identified data into a database.

Claim 13 (Currently Amended) The method of claim 1, wherein the ~~step of mapping maps~~ second metadata map the identified data to a flat file.

Claim 14 (Previously Presented) The method of claim 13, comprising outputting a data definition that defines a structure of the flat file.

Claim 15 (Previously Presented) The method of claim 14, wherein the structure indicates locations of the mapped data within the flat file.

Claim 16 (Currently Amended) The method of ~~claim 1~~, Claim 2 wherein the data stream is in the form of a data output to a computer display screen.

Claim 17 (Currently Amended) The method of ~~claim 1~~, Claim 2 wherein the data stream is in the form of a data output to a computer data port.

Claim 18 (Currently Amended) The method of ~~claim 1~~, Claim 2 wherein the data stream is in the form of a data output to a data storage device.

Claim 19 (Previously Presented) The method of claim 18, wherein the data storage device is a Random Access Memory in a computer.

Claim 20 (Currently Amended) The method of ~~claim 1~~, Claim 18 wherein the data storage device is a disk drive.

Claim 21 (Currently Amended) The method of ~~claim 1~~, Claim 2 wherein the data stream is generated at an Operating System level of a computer implementing the method.

Claim 22 (Currently Amended) The method of claim 1, wherein:
~~the identifying step comprises identifying metadata in the data stream;~~
~~and the mapping step comprises selecting labels that correspond to the~~
~~identified metadata, based on a list associating labels with metadata~~
the second metadata comprise labels selected from a list associating the
labels with the first metadata.

Claim 23 (Currently Amended) The method of ~~claim 22, comprising a step of~~
Claim 1, wherein the adding the selected labels into the data stream to label at least
one of the identified metadata and second metadata map the identified data to at
least one of a file structure, a schema, and a taxonomy.

Claim 24 (Currently Amended) The method of ~~23~~ Claim 22, comprising the
~~step of removing non-selected labels~~ the first metadata from the data stream
collection.

Claim 25 (Currently Amended) The method of ~~claim 23,~~ Claim 22 comprising
~~a step of creating a file by combining the selected labels with at least the identified~~
data.

Claim 26 (Currently Amended) The method of claim 22, comprising a step of
requesting a user to select a label corresponding to a metadatum in the first
metadata identified data, when the list does not associate a label with the
metadatum.

Claim 27 (Currently Amended) The method of claim 26, comprising a step of
adding the association indicated by the user's selection, to the list associating labels
with the first metadata.

Claim 28 (Previously Presented) The method of claim 22, wherein the list
comprises a plurality of labels associated with a metadatum.

Claim 29 (Previously Presented) The method of claim 28, wherein the plurality of labels comprises synonymous labels.

Claim 30 (Currently Amended) The method of claim 28, wherein the metadatum is identified in the data ~~stream~~ collection based on a label in the data ~~stream~~ collection corresponding to the metadatum.

Claim 31 (Currently Amended) The method of claim 30, wherein the selected label is different from the label in the data ~~stream~~ collection

Claim 32 (Currently Amended) The method of 28, wherein:
the identifying step comprises identifying the metadatum in the data ~~stream~~ collection; and

the mapping step comprises selecting a label from the plurality of labels associated with the identified metadatum.

Claim 33 (Previously Presented) The method of claim 32, wherein the labels in the plurality are in different languages.

Claim 34 (Previously Presented) The method of claim 33, wherein the selected labels are in a specified one of the different languages.

Claim 35 (Previously Presented) The method of claim 34, wherein the specified language is XBRL (Extensible Business Markup Language).

Claim 36 (Previously Presented) The method of claim 34, wherein the selected labels are in a specified human spoken language.

Claim 37 (Previously Presented) The method of claim 22, wherein the labels are consistent with XML (eXtensible Markup Language).

Claim 38 (Previously Presented) The method of claim 37, wherein the labels conform to an XBRL (eXtensible Business Reporting Language) specification.

Claim 39 (Previously Presented) The method of claim 38, wherein the labels are defined in at least one XBRL taxonomy.

Claim 40 (Currently Amended) The method of claim 22, wherein the first metadata comprises at least one text string.

Claim 41 (Currently Amended) The method of ~~claim 4~~ Claim 2, comprising a ~~step of~~ providing the data stream from a target program to a transformation program, wherein the transformation program a) performs the steps of identifying and ~~mapping~~ adding, and b) appears to the target program as a device driver.

Claim 42 (Previously Presented) The method of claim 41, wherein the transformation program is independent from the target program.

Claim 43 (Previously Presented) The method of claim 41, wherein the transformation program and the target program are modules incorporated within a single program.

Claim 44 (Currently Amended) The method of ~~1~~, wherein of Claim 2, wherein the data stream is in a form of data output to a computer printer.

Claim 45 (Withdrawn) A method for transferring information between computers, comprising:

in a first computer, converting the mapped data from a first format to an intermediate format; and

transferring the converted information to a second computer.

Claim 46 (Withdrawn) The method of 45, comprising:

at the second computer, receiving the transferred information and converting the received information from the intermediate format to a second format.

Claim 47 (Withdrawn) The method of 46, wherein the intermediate format is consistent with an XML (eXtensible Markup Language) taxonomy.

Claim 48 (Withdrawn) The method of 46, comprising:

encrypting the information prior to transferring; and
decrypting the received transferred information.

Claim 49 (Withdrawn) The method of 46, comprising:
performing the steps of converting in the first computer and transferring, in
response to a request from the second computer.

Claim 50 (Withdrawn) A method for transferring information between
computers, comprising:
in a first computer, converting information that is to be transferred, from a first
format to an intermediate format; and
transferring the converted information to a second computer.

Claim 51 (Withdrawn) The method of 50, comprising:
at the second computer, receiving the transferred information and converting
the received information from the intermediate format to a second format.

Claim 52 (Withdrawn) The method of 51, wherein the intermediate format is
consistent with an XML (eXtensible Markup Language) taxonomy.

Claim 53 (Withdrawn) The method of 51, comprising:
encrypting the information prior to transferring; and
decrypting the received transferred information.

Claim 54 (Withdrawn) The method of 51, comprising:
performing the steps of converting in the first computer and transferring, in response to a request from the second computer.

Claim 55 (Withdrawn) A method for adding labels to data, the labels including information about the data and being defined in at least one taxonomy, the method comprising the steps of:

a transformation program receiving an electronically represented file from a target program, wherein the transformation program appears to the target program as a printer driver;

transformation program identifying data in an electronically represented file;
and

the transformation program selecting labels that correspond to metadata in the identified data, based on a list associating labels with metadata.

Claim 56 (Withdrawn) The method of claim 55, comprising the step of the transformation program adding the selected labels into the electronically represented file to label at least one of a) the elements in the identified data associated with the metadata, and b) the metadata.

Claim 57 (Withdrawn) The method of claim 55, comprising the step of the transformation program creating a new file by combining the selected labels with at least the identified data from the electronically represented file to label at least one of

a) the elements in the identified data associated with the metadata, and b) the metadata.

Claim 58 (Withdrawn) A method for forming an import file template for importing at least a portion of a data set into a target application, the data set including labels indicating information about data in the data set, the labels being defined in at least one taxonomy, the method comprising the steps of:

the target application exporting data in an export file;

a user associating at least one of the entries in the export file with at least one of the labels; and

forming the import file template based on a format of the export file and the associated at least one entry and at least one label; and

entering data from the data set into the import file template based on labels associated with both the data from the data set being entered and entries in the import file template.

Claim 59 (Withdrawn) The method of 58, comprising the step of storing the associations made by the user.

Claim 60 (Withdrawn) The method of 59, wherein the labels are consistent with XML (eXtensible Markup Language).

Claim 61 (Withdrawn) The method of 60, wherein the labels conform to an XBRL (eXtensible Business Reporting Language) specification.

Claim 62 (Withdrawn) The method of claim 61, wherein the target program is not XBRL compliant.

Claim 63 (Withdrawn) A method for importing at least a portion of a data set into a target application, the data set including labels indicating information about data in the data set, the labels being defined in at least one taxonomy, the method comprising the steps of:

- the target program exporting data in an export file;
- a user associating entries in the export file with ones of the labels; and
- forming an import file by replacing data in the export file at entries associated with ones of the labels, with data from the data set, the replacement data having the same labels as the entries.

Claim 64 (Withdrawn) A method for inputting at least a portion of a set of data into a target application, the data set including labels indicating information about data in the data set, the labels being defined in at least one taxonomy, the method comprising the steps of:

- monitoring entry of data associated with the labels into the target application, and storing key strokes associated with the entry of data for each different label;
- receiving the data set; and
- entering data from the data set into the target application, by performing the stored key strokes corresponding to the labels associated with the data in the data set.

Claim 65 (Withdrawn) The method of 64, wherein the program observing the user is a memory resident program.

Claim 66 (Withdrawn) The method of 64, comprising the step of prompting the user to enter a data item into the target application, when no key strokes have been stored for a label associated with the data item.

Claim 67 (Withdrawn) A method for inputting at least a portion of a data set into a target database, the data set including labels indicating information about data in the data set, the labels being defined in at least one taxonomy, the method comprising the steps of:

- inputting test data into the target database;
- searching the database for patterns corresponding to the test data;
- modeling a structure of the database based on the search results; and
- directly accessing the database using the modeled structure to perform at least one of inserting data into, or retrieving data from, the database.

Claim 68 (Withdrawn) The method of claim 67, wherein the step of searching is performed by a pattern recognition application.

Claim 69 (Withdrawn) The method of claim 67, comprising the step of associating locations within the database structure with labels, the labels

corresponding to elements of the test data found at the locations during the step of searching.

Claim 70 (Withdrawn) The method of claim 69, comprising the step of inserting an element of the data set into a location within the database, based on a label associated with both the location and the element.